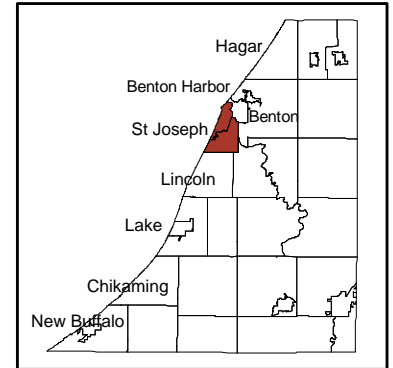


ST. JOSEPH TOWNSHIP  
CITY OF ST. JOSEPH  
VILLAGE OF SHOREHAM  
T04S, R19W  
T05S, R19W  
HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

BERRIEN COUNTY



Legend



CRITICAL DUNE AREAS

THESE AREAS ARE DESIGNATED AS CRITICAL DUNE AREAS PURSUANT TO PART 353, SAND DUNE PROTECTION AND MANAGEMENT OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED.



HIGH RISK EROSION AREAS  
(SHADED ALONGSHORE)

THESE AREAS ARE LEGALLY DEFINED BY PART 323, SHORELANDS PROTECTION AND MANAGEMENT, OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO RECEDE AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

AREA A  
55'/95'

- THE AREA ID PROVIDES A SPATIAL REFERENCE FOR EACH SPECIFIC HREA WITHIN A TOWNSHIP.
- THE NUMBERS BELOW REPRESENT, IN FEET, THE 30-YEAR AND 60-YEAR PROJECTED RECESION DISTANCES, RESPECTIVELY FOR THAT SPECIFIC HREA.

FOR FURTHER INFORMATION:

GREAT LAKES SHORELANDS UNIT  
LAND AND WATER MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
PO BOX 30458  
LANSING, MI 48909-7958  
517-373-1170

MAP DATE: 10/3/2007

HREA SETBACK UPDATES  
IMPLEMENTED: 10/12/2007

